

Serial No. 09/629,321

Attorney Docket No. PF01869NA

REMARKS

Claims 1 through 15 and 22 are pending in this application. Claims 1, 7, 11 through 13 and 22 are hereby amended.

Claim 1 is rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,317,587 to Tiedemann, Jr., et al. ("Tiedemann, Jr., et al. patent"). Claims 2 through 6 and 13 through 15 are rejected under 35 U.S.C. §103(a) as being unpatentable over the Tiedemann, Jr., et al. patent in view of U.S. Patent No. 6,408,187 to Merriam ("Merriam patent"). Claims 7 through 12 and 22 are rejected under 35 U.S.C. §103(a) as being unpatentable over the Tiedemann, Jr., et al. patent and the Merriam patent in view of U.S. Patent No. 6,374,079 to Hsu ("Hsu patent").

Claims 1 and 7 as amended provide, *inter alia*, a communication device operating in a wireless ad hoc network. The Tiedemann, Jr., et al. patent, the Merriam patent and the Hsu patent, individually or in combination, do not describe or suggest any type of ad hoc network, as required by amended claims 1 and 17. Therefore, amended claims 1 and 17 distinguish patentably from the Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent and any combination of these patents.

Claim 1 as amended provides, *inter alia*, a communication device that controls a power consumption level of the communication device or another device within the wireless ad hoc network, or adjusts a network configuration of the wireless ad hoc network in response to the sensor added information. Thus, power consumption level is controlled, and network

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configuration is adjusted, based on sensor added information. In contrast, the Tiedemann, Jr., et al. patent describes power control based on closed-loop feedback and network traffic adjustment based on protocol changes. Also, the Merriam patent determines likelihood of user proximity to a device based on sensor indications. Likewise, the Hsu patent does not describe or suggest any type of control of power consumption level or adjustment of network configuration based on sensor added information. Therefore, amended claim 1 further distinguishes patentably from the Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent and any combination of these patents.

Claim 7 as amended provides, *inter alia*, processed sensor information from the at least one sensor is shared by each of the plurality of slave devices and the corresponding master device. The Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent do not describe or suggest any type of sensor information that is shared by slave devices and a master device, as required by amended claim 7. Therefore, amended claim 7 further distinguishes patentably from the Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent and any combination of these patents.

Claim 13 as amended provides, *inter alia*, determining a usage pattern match corresponding to a crowded area based on the sensed environmental conditions. Support for the above added recitation is provided at page 7, lines 17 through 31, of the specification. The Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent do not describe or suggest any type of usage pattern match corresponding to a crowded area based on sensed environmental conditions, as required by amended claim 13. Therefore, amended claim 13 distinguishes

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patentably from the Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent and any combination of these patents.

Claims 2 through 6, 8 through 12, 14, 15 and 22 depend from and include all limitations of independent claims 1, 7 and 13 as amended. Therefore, claims 2 through 6, 8 through 12, 14, 15 and 22 distinguish patentably from the Tiedemann, Jr., et al. patent, the Merriam patent, the Hsu patent and any combination of these patents for the reasons stated above for amended claims 1, 7 and 13.

In view of the above, reconsideration and withdrawal of the rejections of claims 1 through 15 and 22 are respectfully requested.

CONCLUSION

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. Also, no amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

The Commissioner is hereby authorized to deduct any additional fees arising as a result of this response, including any fees for Extensions of Time, or any other communication from or to credit any overpayments to Deposit Account No. 50-2117.

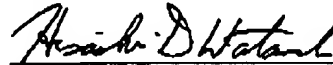
It is submitted that the claims clearly define the invention, are supported by the specification and drawings, and are in a condition for allowance. A Notice of Allowance is

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respectfully solicited. Should the Examiner have any questions or concerns that may expedite prosecution of the present application, the Examiner is encouraged to telephone the undersigned.

Respectfully submitted,
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10/17/03

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